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=> file reg
FILE 'REGISTRY' ENTERED AT 11:41:05 ON 04 NOV 2004
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=> display history full l1-


        FILE 'REGISTRY' ENTERED AT 09:46:53 ON 04 NOV 2004
                    E SYL-OFF DC23/CN
                    E SYL-OFF DC 23/CN
     L1            1 SEA "SYL-OFF DC 23"/CN
                    E MEDI 4162/CN
                    E MEDI4162/CN
                    E DOW 36/CN
                    E DOW MEDICAL FLUID/CN
     L2            2 SEA DOW(L)36
                    D L2 1-2 FIDE
                    E MDX4-4159/CN
                    E MDX/CN
                    E MDX 4-4159/CN
                    E MDX 44159/CN
                    E NUSIL/CN
     L3            3 SEA "NUSIL MED 4162"/CN OR "NUSIL MED 4211"/CN OR "NUSIL
                      MED 6210"/CN
                    D L1 FIDE

        FILE 'LCA' ENTERED AT 09:56:19 ON 04 NOV 2004
     L4            0 SEA AMINOALKYLSILOXANE# OR AMINOMETHYLSILOXANE# OR
                      AMINODIMETHYLSILOXANE# OR AMINOETHYLSILOXANE# OR
                      AMINODIETHYLSILOXANE# OR AMINOPROPYLSILOXANE# OR
                      AMINODIPROPYLSILOXANE# OR AMINOISOPROPYLSILOXANE# OR
                      AMINODIISOPROPYLSILOXANE# OR AMINOBUTYLSILOXANE# OR
                      AMINODIBUTYLSILOXANE#
     L5            0 SEA AMINOISOBUTYLSILOXANE# OR AMINODIISOBUTYLSILOXANE#
                      OR (AMINOALKYL# OR AMINODIALKYL# OR AMINOMETHYL# OR
                      AMINODIMETHYL# OR AMINOETHYL# OR AMINODIETHYL# OR
                      AMINOPROPYL# OR AMINODIPROPYL# OR AMINOISOPROPYL# OR
                      AMINODIISOPROPYL# OR AMINOBUTYL# OR AMINODIBUTYL#)(2A)SIL
                      OXANE#
     L6            0 SEA (AMINOISOBUTYL# OR AMINODIISOBUTYL#)(2A)SILOXANE# OR
                      AMINO#(2A)(ALKYLSILOXANE# OR DIALKYLSILOXANE# OR
                      METHYLSILOXANE# OR DIMETHYLSILOXANE# OR ETHYLSILOXANE#
                      OR DIETHYLSILOXANE# OR PROPYLSILOXANE# OR DIPROPYLSILOXAN
                      E# OR ISOPROPYLSILOXANE# OR DIISOPROPYLSILOXANE#)
     L7            0 SEA AMINO#(2A)(BUTYLSILOXANE# OR DIBUTYLSILOXANE# OR
```

ISOBUTYLSILOXANE# OR DIISOBUTYLSILOXANE#) OR AMINO#(2A)(A
LKYL# OR DIALKYL# OR METHYL# OR ME OR DIMETHYL# OR
ETHYL# OR ET OR DIETHYL# OR PROPYL# OR PR OR DIPROPYL#
OR ISOPROPYL# OR IPR OR DIISOPROPYL#)(2A)SILOXANE#

L8   0 SEA AMINO#(2A)(BUTYL# OR DIBUTYL# OR BU OR NBU OR
ISOBUTYL# OR DIISOBUTYL# OR IBU)(2A)SILOXANE#

L9   0 SEA AMINOALKOXYSILOXANE# OR AMINOMETHOXYSILOXANE# OR
AMINODIMETHOXYSILOXANE# OR AMINOETHOXYSILOXANE# OR
AMINODIETHOXYSILOXANE# OR AMINOPROPOXYSILOXANE# OR
AMINODIPROPOXYSILOXANE# OR AMINOISOPROPOXYSILOXANE# OR
AMINODIISOPROPOXYSILOXANE# OR AMINOBUTOXYSILOXANE# OR
AMINODIBUTOXYSILOXANE#

L10   0 SEA AMINOISOBUTOXYSILOXANE# OR AMINODIISOBUTOXYSILOXANE#
OR (AMINOALKOXY# OR AMINODIALKOXY# OR AMINOMETHOXY# OR
AMINODIMETHOXY# OR AMINOETHOXY# OR AMINODIETHOXY# OR
AMINOPROPOXY# OR AMINODIPROPOXY# OR AMINOISOPROPOXY# OR
AMINODIISOPROPOXY# OR AMINOBUTOXY# OR AMINODIBUTOXY#)(2A)
SILOXANE#

L11   0 SEA (AMINOISOBUTOXY# OR AMINODIISOBUTOXY#)(2A)SILOXANE#
OR AMINO#(2A)(ALKOXYSILOXANE# OR DIALKOXYSILOXANE# OR
METHOXYSILOXANE# OR DIMETHOXYSILOXANE# OR ETHOXYSILOXANE#
 OR DIETHOXYSILOXANE# OR PROPOXYSILOXANE# OR DIPROPOXYSIL
OXANE# OR ISOPROPOXYSILOXANE# OR DIISOPROPOXYSILOXANE#)

L12   0 SEA AMINO#(2A)(BUTOXYSILOXANE# OR DIBUTOXYSILOXANE# OR
ISOBUTOXYSILOXANE# OR DIISOBUTOXYSILOXANE#) OR AMINO#(2A)
(ALKOXY# OR DIALKOXY# OR METHOXY# OR MEO OR DIMETHOXY#
OR ETHOXY# OR ETO OR DIETHOXY# OR PROPOXY# OR PRO OR
DIPROPOXY# OR ISOPROPOXY# OR IPRO OR DIISOPROPOXY#)(2A)SI
LOXANE#

L13   0 SEA AMINO#(2A)(BUTOXY# OR DIBUTOXY# OR BU OR NBU OR
ISOBUTOXY# OR DIISOBUTOXY# OR IBU)(2A)SILOXANE#

FILE 'HCA' ENTERED AT 10:34:12 ON 04 NOV 2004
L14   807 SEA (L4 OR L5 OR L6 OR L7 OR L8) OR AMINODIALKYLSILOXANE#
L15   24 SEA (L9 OR L10 OR L11 OR L12 OR L13) OR AMINODIALKOXYSILO
XANE#

FILE 'REGISTRY' ENTERED AT 10:35:03 ON 04 NOV 2004
            E POLYDIMETHYLSILOXANE/CN
L16   2 SEA POLYDIMETHYLSILOXANE/CN
            E POLYDIETHYLSILOXANE/CN
            E "POLY[OXY(DIETHYLSILYLENE)]"/CN
            D L16 1-2 FIDE
            E POLY(DIETHYLSILOXANE)/CN
            E POLY(DIETHYLSILOXANE), SRU/CN
L17   1 SEA "POLY(DIETHYLSILOXANE), SRU"/CN
            E POLY(DIPROPYLSILOXANE), SRU/CN
L18   1 SEA "POLY(DIPROPYLSILOXANE), SRU"/CN

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              E POLY(DIISOPROPYLSILOXANE), SRU/CN
              E POLY(DIISOPROPYLSILOXANE)/CN
              E POLY(DIISOPROPYLSILYLENE)/CN
              D L18 FIDE
              E (C6H14OSI)N/MF
L19        3 SEA "(C6H14OSI)N"/MF
              D L19 1-3 IN
              SEL L19 1,3 RN
L20        2 SEA (28324-86-9/BI OR 613235-75-9/BI)
              E (C8H18OSI)N/MF
L21        9 SEA "(C8H18OSI)N"/MF
              D L21 1-9 IN
              SEL L21 1,7,9 RN
L22        3 SEA (132258-59-4/BI OR 158380-34-8/BI OR 613235-77-1/BI)
L23        8 SEA L16 OR L17 OR L18 OR L20 OR L22
L24       39 POLYLINK L23
L25       38 SEA L24 NOT N/ELS


       FILE 'LCA' ENTERED AT 11:00:00 ON 04 NOV 2004
L26       16 SEA L25 OR POLYDIALKYLSILOXANE# OR POLYDIMETHYLSILOXANE#
              OR POLYDIETHYLSILOXANE# OR POLYDIPROPYLSILOXANE# OR
              POLYDIISOPROPYLSILOXANE# OR POLYDIBUTYLSILOXANE# OR
              POLYDIISOBUTYLSILOXANE# OR DIALKYLSILICONE# OR DIMETHYLSI
              LICONE# OR DIETHYLSILICONE# OR DIPROPYLSILICONE#
L27       26 SEA DIISOPROPYLSILICONE# OR DIBUTYLSILICONE# OR DIISOBUTY
              LSILICONE# OR (DIALKYL# OR DIMETHYL# OR DIETHYL# OR
              DIPROPYL# OR DIISOPROPYL# OR DIBUTYL# OR DIISOBUTYL# OR
              DI(A)(ALKYL# OR ME OR ET OR PR OR NPR OR IPR OR BU OR
              NBU OR IBU OR SBU OR TBU))(2A)SILICONE#
L28        0 SEA (DI(A)(METHYL# OR ETHYL# OR PROPYL# OR ISOPROPYL# OR
              BUTYL# OR ISOBUTYL#))(2A)SILICONE#
L29       13 SEA DIALKYLPOLYSILOXANE# OR DIMETHYLPOLYSILOXANE# OR
              DIETHYLPOLYSILOXANE# OR DIPROPYLPOLYSILOXANE# OR
              DIISOPROPYLPOLYSILOXANE# OR DIBUTYLPOLYSILOXANE# OR
              DIISOBUTYLPOLYSILOXANE# OR (DIALKYL# OR DIMETHYL# OR
              DIETHYL# OR DIPROPYL# OR DIISOPROPYL# OR DIBUTYL# OR
              DIISOBUTYL#)(2A)POLYSILOXANE#
L30        0 SEA (DIALKYL# OR DIMETHYL# OR DIETHYL# OR DIPROPYL# OR
              DIISOPROPYL# OR DIBUTYL# OR DIISOBUTYL#)(2A)POLYSILICONE#
L31        1 SEA (DI(A)(ALKYL# OR METHYL# OR ETHYL# OR PROPYL# OR
              ISOPROPYL# OR BUTYL# OR ISOBUTYL# OR ME OR ET OR PR OR
              NPR OR IPR OR NBU OR IBU OR SBU OR TBU))(2A)(POLYSILOXANE
              # OR POLYSILICONE#)


       FILE 'HCA' ENTERED AT 11:17:44 ON 04 NOV 2004
L32    34917 SEA (L26 OR L27 OR L28 OR L29 OR L30 OR L31) OR POLYDIMET
              HYLSILOXANE#
L33    95483 SEA NEEDL? OR SYRING? OR HYPODERM?
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```
L34           288 SEA (L14 OR L15) AND (L32 OR L1)
L35             4 SEA L34 AND L33
                  E MEDICAL GOODS/CV
L36         27269 SEA "MEDICAL GOODS"/CV
L37             2 SEA L34 AND L36


       FILE 'LREGISTRY' ENTERED AT 11:21:44 ON 04 NOV 2004
L38               STR


       FILE 'REGISTRY' ENTERED AT 11:34:25 ON 04 NOV 2004
L39               SCR 2043
L40            50 SEA SSS SAM L38 AND L39
L41         10233 SEA SSS FUL L38 AND L39
                  SAV TEM L41 CAM901/A


       FILE 'HCA' ENTERED AT 11:36:29 ON 04 NOV 2004
L42          6162 SEA L41
L43          1151 SEA L42 AND (L32 OR L1)
L44             6 SEA L43 AND L33


       FILE 'MEDLINE' ENTERED AT 11:38:10 ON 04 NOV 2004
L45             2 SEA L14 OR L15
L46          1392 SEA (L26 OR L27 OR L28 OR L29 OR L30 OR L31) OR POLYDIMET
                  HYLSILOXANE#
L47         80944 SEA NEEDL? OR SYRING? OR HYPODERM?
L48             0 SEA L45 AND L46
L49             0 SEA L45 AND L47
L50            28 SEA L46 AND L47
L51             2 SEA L50 AND ?AMINO?


       FILE 'HCA' ENTERED AT 11:40:23 ON 04 NOV 2004
L52            10 SEA L35 OR L37 OR L44


       FILE 'REGISTRY' ENTERED AT 11:41:05 ON 04 NOV 2004



=> d l41 que stat
L38               STR
```

                                                                21
                                                                 C
                                                                 〉
    Ak—G2—Si   G1 6   C⌇NH2   C⌇NH⌇C   C⌇N⌇C
    1   2   3   @9 10   @13 14 15   @18 19 20

VAR G1=9/13/18
REP G2=(0-1) O
NODE ATTRIBUTES:

```
NSPEC    IS RC     AT    3
NSPEC    IS RC     AT    9
NSPEC    IS RC     AT   13
NSPEC    IS RC     AT   15
NSPEC    IS RC     AT   18
NSPEC    IS RC     AT   20
NSPEC    IS RC     AT   21
CONNECT IS E1   RC AT    1
CONNECT IS E4   RC AT    3
CONNECT IS E3   RC AT   19
DEFAULT MLEVEL IS ATOM
GGCAT    IS SAT   AT    1
DEFAULT ECLEVEL IS LIMITED
```

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   13

STEREO ATTRIBUTES: NONE
L39   SCR 2043
L41   10233 SEA FILE=REGISTRY SSS FUL L38 AND L39

100.0% PROCESSED 28689 ITERATIONS   10233 ANSWERS
SEARCH TIME: 00.00.01

=> file hca
FILE 'HCA' ENTERED AT 11:42:18 ON 04 NOV 2004
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=> d 152 1-10 ibib abs hitstr hitind

L52 ANSWER 1 OF 10   HCA   COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 140:169736   HCA
TITLE: Cross-linked nitric oxide-releasing polyamine
                         coated substrates, compositions comprising same
                         and method of making same
INVENTOR(S):   Fitzhugh, Anthony L.; Cheng, Peiwen
PATENT ASSIGNEE(S):   The Government of the United States of America,
                         Represented by the Secretary Dept. of Health and
                         Human Services, USA
SOURCE: PCT Int. Appl., 42 pp.
                         CODEN: PIXXD2
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